



PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kristoph D. Krug et al.

Art Unit: 2311

Serial No.: 07/566,083

Examiner: G. Hayes

Filed : August 10, 1990

Title : DEVICE AND METHOD FOR INSPECTION OF BAGGAGE AND OTHER OBJECTS

BOX NON-FEE AMENDMENT

Commissioner of Patents and Trademarks

Washington, DC 20231

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GROUP 2300

RESPONSE

In response to the Examiner's action mailed

February 10, 1993, applicants respond as follows:

In the claims:

en what is claimed is: 1. (Twice amended) A device for detecting a specific material that may be present in an ensemble of objects comprising

P₁ an x-ray source adapted to expose an area of the ensemble to x-ray radiation of two substantially different energy bands,

CI P₁ a detector, responsive to said source, adapted to detect radiation passing through said ensemble and to produce dual energy areal image information of said ensemble, and

P₁ a computer adapted to process such dual energy information based on differences in attenuation between subareas of said exposed area to detect presence of said specific material by comparing selected subareas of said exposed area to other subareas in the vicinity of said selected subareas[whereby],

Date of Deposit

5/10/93

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Ivan D. Z. Florsky

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